

PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 January 2020 to 31 December 2020

Treatment Works: Purton Treated (27410016)

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Coliforms Confirmed	366		0.00	0.00	0.00	0	cfu/100mL
E.Coli Confirmed	366		0.00	0.00	0.00	0	cfu/100mL
Total Coliforms (Confirmed)	366		0.00	0.00	0.00	0	cfu/100mL
Clostridia Perfringens Confirmed	366		0.00	0.00	0.00	0	cfu/100mL
Colony Count after 3 days @22C	366		0.00	0.35	104.00		cfu/mL
Colony Count after 2 days @37C	163		0.00	0.20	13.00		cfu/mL
Field Free Chlorine	366		0.70	1.01	1.45		mg/L
Field Total Chlorine	366		0.78	1.10	1.55		mg/L
Conductivity	366		434.00	596.99	857.00	2500	uS/cm
Turbidity - Indicator	366		0.15	0.18	0.43	1	ntu
Benzene	25	<	0.09	0.09	0.09	1	µg/l
Boron Total	25		31.90	52.78	73.40		µg/l
Chloride as Cl	25		32.10	49.32	89.00	250	mgCl/l
Cyanide Total as CN	29		5.50	5.50	5.50	50	µgCN/l
Fluoride	25		80.00	102.40	150.00	1500	µg/l
Mercury Total	25	<	0.06	0.06	0.06		µgHg/l
Nitrate as NO3	24		17.15	21.98	29.30		mgNO3/l
Nitrite as NO2	24	<	0.00	0.00	0.00	0.1	mgNO2/l
Total Oxidised Nitrogen	24		17.16	21.98	29.30		mg/L
Nitrogen Formula	24		0.34	0.44	0.59		mg/L
Sulphate	25		67.80	85.43	124.00	250	mgSO4/l
Total organic Carbon	25		0.90	1.42	2.00	0.0	mg/L
1,2 Dichloroethane	25	<	0.16	0.16	0.16	3	µg/l
Tetrachloroethene	25	<	0.37	0.37	0.37		µg/l
Trichloroethene	25	<	0.33	0.34	0.34		µg/l
Total Chlorethenes	25		0.70	0.71	0.71	10	µg/l

Prescribed Concentration Values

Test Description	No. of Samples	No. of Failures	Min	Mean	Max	PCV	Units
Tetrachloromethane	25	<	0.13	0.13	0.13	3	µg/l
Total Pesticides	24		0.00	0.00	0.03	0.5	µg/l
2,4-Dichlorophenoxyacetic acid	24	<	0.01	0.01	0.01	0.1	µg/l
Asulam	24	<	0.01	0.01	0.01	0.1	µg/l
Bromoxynil	24	<	0.01	0.01	0.01	0.1	µg/l
Carbetamide	24	<	0.01	0.01	0.01	0.1	µg/l
Chlormequat Cation	24	<	0.00	0.00	0.01	0.1	µg/l
Clopyralid	24	<	0.01	0.01	0.01	0.1	µg/l
Epoxyconazole	24	<	0.00	0.00	0.00	0.1	µg/l
Flufenacet	24	<	0.01	0.01	0.01	0.1	µg/l
Fluroxypyr	24	<	0.01	0.01	0.01	0.1	µg/l
Glyphosate	24	<	0.00	0.00	0.00	0.1	µg/l
Isoproturon	24	<	0.00	0.00	0.00	0.1	µg/l
MCPA	24	<	0.01	0.01	0.01	0.1	µg/l
MCPP	24	<	0.01	0.01	0.01	0.1	µg/l
Metaldehyde	24	<	0.00	0.01	0.01	0.1	µg/l
Metazachlor	24	<	0.01	0.01	0.01	0.1	µg/l
Propyzamide	24	<	0.01	0.01	0.02	0.1	µg/l
Prosulfocarb	24	<	0.01	0.01	0.01	0.1	µg/l
Prothioconazole	1	<	0.00	0.00	0.00	0.1	µg/l
Quinmerac	24	<	0.01	0.01	0.01	0.1	µg/l
Simazine	24	<	0.00	0.00	0.00	0.1	µg/l
Tebuconazole	24	<	0.00	0.00	0.00	0.1	µg/l
Triclopyr	24	<	0.03	0.03	0.03	0.1	µg/l